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(54) Title: **TEST ANIMAL FOR ATHEROSCLEROSIS MODEL AND METHODS FOR TESTING AND SCREENING**

(57) Abstract: A test animal useful in an animal model system for atherosclerosis, wherein the test animal is a non-human mammal susceptible to the induction of atherosclerosis which carries a vessel-restricting device applied to at least one of its blood vessels. A method for testing the (anti-)atherosclerotic effect of a substance, diet or treatment in an animal model system for atherosclerosis, comprising subjecting a test animal according to the invention to a test treatment with the substance, diet or treatment to be tested and analyzing the (anti-)atherosclerotic effect, if any, on the blood vessel restricted by the vessel-restricting device. The method may be used for screening potentially useful substances, diets or treatments.

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